

## Smuxi - Bug # 858: ArgumentException when reconnecting to IRC server

<b>Status:</b>	Closed	<b>Priority:</b>	Urgent
<b>Author:</b>	Mirco Bauer	<b>Category:</b>	Engine IRC
<b>Created:</b>	07/02/2013	<b>Assigned to:</b>	Mirco Bauer
<b>Updated:</b>	09/20/2013	<b>Due date:</b>	
<b>Complexity:</b>	Low		
<b>Found in Version:</b>			
<b>Subject:</b>	ArgumentException when reconnecting to IRC server		
<b>Description:</b>	<pre>&lt;pre&gt; 2013-07-02 22:43:28,543 [-1301693584] ERROR Smuxi.Engine.Session - CommandReconnect(): System.ArgumentException: An element with the same key already exists in the dictionary.     at System.Collections.Generic.Dictionary`2[System.String,System.String].Add (System.String key, System.String value) [0x00171] in /tmp/build/mono-2.6.7/mcs/class/corlib/System tem.Collections.Generic/Dictionary.cs:429     at Meebey.SmartIrc4net.IrcClient._StoreChannelsToRejoin () [0x000ab] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1043     at Meebey.SmartIrc4net.IrcClient.Reconnect (Boolean login, Boolean channels) [0x00006] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:470     at Meebey.SmartIrc4net.IrcClient.Reconnect (Boolean login) [0x00000] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:487     at Smuxi.Engine.IrcProtocolManager.Reconnect (Smuxi.Engine.FrontendManager fm) [0x00000] in &lt;filename unknown&gt;:0     at Smuxi.Engine.Session+&lt;CommandReconnect&gt;c__AnonStoreyF.&lt;&gt;m__F (System.Object ) [0x00000] in /usr/local/src/smuxi/src/Engine/Session.cs:598  &lt;/pre&gt;  &lt;pre&gt; 2013-07-02 22:43:48,295 [-1398875280] ERROR Smuxi.Engine.Session - _CommandNetworkClose(): Exception System.ArgumentException: An element with the same key already exists in the dictionary.     at System.Collections.Generic.Dictionary`2[System.String,System.String].Add (System.String key, System.String value) [0x00171] in /tmp/build/mono-2.6.7/mcs/class/corlib/System.Collections.Generic/Dictionary.cs:429     at Meebey.SmartIrc4net.IrcClient._StoreChannelsToRejoin () [0x000ab] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1043     at Meebey.SmartIrc4net.IrcClient._OnDisconnected (System.Object sender, System.EventArgs e) [0x0000b] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1008     at (wrapper delegate-invoke) System.EventHandler.invoke_void__this__object_EventArgs (object,System.EventArgs)     at Meebey.SmartIrc4net.IrcConnection.Disconnect () [0x0007a] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:817     at Smuxi.Engine.IrcProtocolManager.Disconnect (Smuxi.Engine.FrontendManager fm) [0x00000] in &lt;filename unknown&gt;:0     at Smuxi.Engine.Session+&lt;_CommandNetworkClose&gt;c__AnonStorey10.&lt;&gt;m__11 (System.Object ) [0x00000] in /usr/local/src/smuxi/src/Engine/Session.cs:865  &lt;/pre&gt;</pre>		

### History

08/20/2013 08:34 PM - Mirco Bauer

- Status changed from New to Closed

- % Done changed from 0 to 100

This is state corruption caused by a bug in the IRC socket buffer/queue, fixed in commit:37cc7c4acfb42fd5dec1d1366e7f9a212fe261d5

**09/20/2013 09:21 PM - Mirco Bauer**

- Priority changed from Normal to Urgent

This is a partial log that shows the state corruption. Smuxi is clearly processing events/messages of an old connection \_after\_ a reconnect.

```
<pre>
2013-06-24 20:50:19,894 [IrcProtocolManager (irc.man-da.de:6667) lag watcher] DEBUG Smuxi.Engine.IrcProtocolManager - _LagWatcher(): lag:
354.704145 seconds, difference: 10 se
conds
2013-06-24 20:50:29,358 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine.dll] Session.DisableChat(chat =
<IRC/IRCnet/#stammtisch>)
2013-06-24 20:50:29,335 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager._OnDisconnected(sender = Meebey.SmartIrc4net.IrcFeatures, e = System.EventArgs)
2013-06-24 20:50:29,858 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager.Command(command = </join #stammtisch>)
2013-06-24 20:50:29,858 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager.CommandJoin(cd = </join #stammtisch>)
2013-06-24 20:50:34,573 [IrcProtocolManager (irc.man-da.de:6667) listener] ERROR Smuxi.Engine.IrcProtocolManager - _Run(): exception in
_Listen() occurred!
System.ArgumentException: An element with the same key already exists in the dictionary.
 at System.Collections.Generic.Dictionary`2[System.String,Smuxi.Engine.PersonModel].Add (System.String key, Smuxi.Engine.PersonModel value)
[0x00171] in /tmp/build/mono-2.6.7/mcs/class/core/System.Collections.Generic/Dictionary.cs:429
 at Smuxi.Engine.IrcProtocolManager._OnNames (System.Object sender, Meebey.SmartIrc4net.NamesEventArgs e) [0x00000] in <filename
unknown>:0
 at Meebey.SmartIrc4net.IrcClient._Event_RPL_NAMREPLY (Meebey.SmartIrc4net.IrcMessageData ircdata) [0x00332] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:2667
 at Meebey.SmartIrc4net.IrcClient._HandleEvents (Meebey.SmartIrc4net.IrcMessageData ircdata) [0x00341] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1344
 at Meebey.SmartIrc4net.IrcClient._Worker (System.Object sender, Meebey.SmartIrc4net.ReadLineEventArgs e) [0x00000] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcClient/IrcClient.cs:1002
 at (wrapper delegate-invoke) Meebey.SmartIrc4net.ReadLineEventHandler:invoke_void__this___object_ReadLineEventArgs
(object,Meebey.SmartIrc4net.ReadLineEventArgs)
 at (wrapper delegate-invoke) Meebey.SmartIrc4net.ReadLineEventHandler:invoke_void__this___object_ReadLineEventArgs
(object,Meebey.SmartIrc4net.ReadLineEventArgs)
 at Meebey.SmartIrc4net.IrcConnection.ReadLine (Boolean blocking) [0x000a1] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:894
 at Meebey.SmartIrc4net.IrcConnection.Listen (Boolean blocking) [0x0000b] in
/usr/local/src/smuxi/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:833
 at Meebey.SmartIrc4net.IrcConnection.Listen () [0x00000] in /usr/local/src/smuxi/lib/SmartIrc4net/src/IrcConnection/IrcConnection.cs:847
 at Smuxi.Engine.IrcProtocolManager._Listen () [0x00000] in <filename unknown>:0
2013-06-24 20:50:34,678 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager.Reconnect(fm = Smuxi.Engine.FrontendManager)
2013-06-24 20:50:34,709 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine.dll] Session.DisableChat(chat =
<IRC/IRCnet/#stammtisch>)
2013-06-24 20:50:45,023 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG TRACE - [smuxi-engine-irc.dll]
IrcProtocolManager.OnEndOfNames(e = Meebey.SmartIrc4net.IrcEventArgs)
2013-06-24 20:50:45,023 [IrcProtocolManager (irc.man-da.de:6667) listener] DEBUG Smuxi.Engine.IrcProtocolManager - OnEndOfNames():
#stammtisch synced

20:50:29 -!- Disconnected from IRCnet
20:50:29 WRITE: JOIN #debian.de,#stammtisch ,
```

```
20:50:34 READ: :MAN-DA.DE 333 TCW #debian.de abalaba@heraklit.ayous.org 1371304545
20:50:34 -!- Connection error! Reason: An element with the same key already exists in the dictionary.
20:50:34 -!- Reconnecting to irc.man-da.de...
20:50:34 -!- Disconnected from IRCnet
```

</pre>